

LPC# 0316575065 Cook County
Illinois Smelting and Refining Co.
SF/HRS

CERCLA

Pre-Cerclis Screening Action



Illinois Environmental
Protection Agency

US EPA RECORDS CENTER REGION 5



423433

DRAFT

PRE-CERCLIS SCREENING REPORT

for:

**ILLINIOS SMELTING AND REFINING CO.
CHICAGO, ILLINOIS**

PREPARED BY:

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION**

AUGUST 30, 2005

INTRODUCTION

On February 22, 2005, the Illinois Environmental Protection Agency (Illinois EPA) was tasked by the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) to conduct Pre-CERCLIS Screening Assessments on historic lead sites within the Chicago Metropolitan Area. These properties were identified from historic maps and industrial directories that suggest that lead may have been used at these facilities. The Pre-CERCLIS Screening Assessment (PCS) activities will include a review of available information, a visual site reconnaissance, a determination of current land use, and identify the risk for human exposure to potential contaminants on the subject property and adjacent land.

SITE DESCRIPTION

The Illinois Smelting and Refining Co., reportedly located at 3710 S. California Ave., Cook County, Chicago, Illinois, has been identified as a potential lead site. This address is located in the downtown area of Chicago, IL, on the west side of California Ave. between W 36th PL and W 37th PL. Currently, this is the location of a two-story brick building which appears to be used by Stack Container Services. The surrounding area is occupied by commercial and industrial businesses and roadways. Residential occupancy in the area includes a neighborhood about a block south of the property. The likelihood of human exposure to contaminated media, if present, would be low considering the ground surface is mostly covered by artificial surfaces, and the only residential neighborhood surrounding this location is to the south of the property. A tall chain link fence with barbwire on the top, borders the property. None of the informational resources used to evaluate this location suggest any metallurgical operations existed at this location. No information was available on State or Federal databases using this location or

company name (U.S. Environmental Protection Agency)(Illinois Environmental Protection Agency). No environmental samples were collected during the PCS.

SITE HISTORY

Sanborn Fire Insurance Maps from 1912 and 1950 were reviewed for evidence that would suggest any metallurgical operations occurred at the 3710 S. California Ave. address. No reference was made on any of the maps that would suggest smelting operations occurred at that address.

Three additions of the Standard Metal Directory (1940, 1948-1949, and 1963-1964) were reviewed to obtain any information about the Illinois Smelting and Refining Co. There were advertisements that listed 3710 S. California Ave. as the office, but no information has been compiled that would suggest these operations occurred at this address. Based on the information available, it appears only office related activities could have been conducted at the 3710 S. California Ave. location.

RECOMMENDATION

Based on the findings of this Pre-CERCLIS Screening, the author of this report recommends that the Illinois Smelting and Refining Co., located at 3710 S. California Ave., Chicago, IL, receive No Further Action under the CERCLA process. A review of available information (see Appendices A-F) suggests that the Illinois Smelting and Refining Co. was present at the 3710 S. California Ave. address, but it would have functioned in an office related capacity only. Current conditions at this location pose little threat to human exposure, should

contaminated media exist. No residential neighborhoods are surrounding the location and the perimeter is bounded by a tall chain link fence with barbwire on the top.

ATTACHMENTS

Appendix – A	Site Location Map for 3710 S. California Ave.(DeLorme Street Atlas).
Appendix – B	TerraServer Air Photos and Topographical Map
Appendix – C	Current Photos of Property
Appendix – D	Sanborn Maps 1912 and 1951
Appendix – E	Copies from the Standard Metal Directories
Appendix – F	Pre-CERCLIS Screening Assessment Checklist/Decision Form

REFERENCES

Cook County Assessor's Office, <http://www.cookcountyassessor.com/filings/gis.asp>

Illinois Environmental Protection Agency, <http://www.epa.state.il.us>

U.S. Environmental Protection Agency, <http://www.epa.gov/superfund/sites/cursites/index.htm>

Standard Metal Directory, Eighth Edition 1940, Atlas Publishing Company, 150 Lafayette St., New York, Copyright 1939.

Standard Metal Directory, Eleventh Edition 1948, Bardeen Press, Inc., Atlas Publishing Co., Copyright 1948.

Standard Metal Directory, 1963-1964 Volume XVIII, by Geoffrey J. Nightingale, Copyright 1963, by Standard Metal Directory 525 W. 42nd Street, New York 36, N.Y.

TerraServer-USA, <http://terraserver-usa.com/default.aspx>

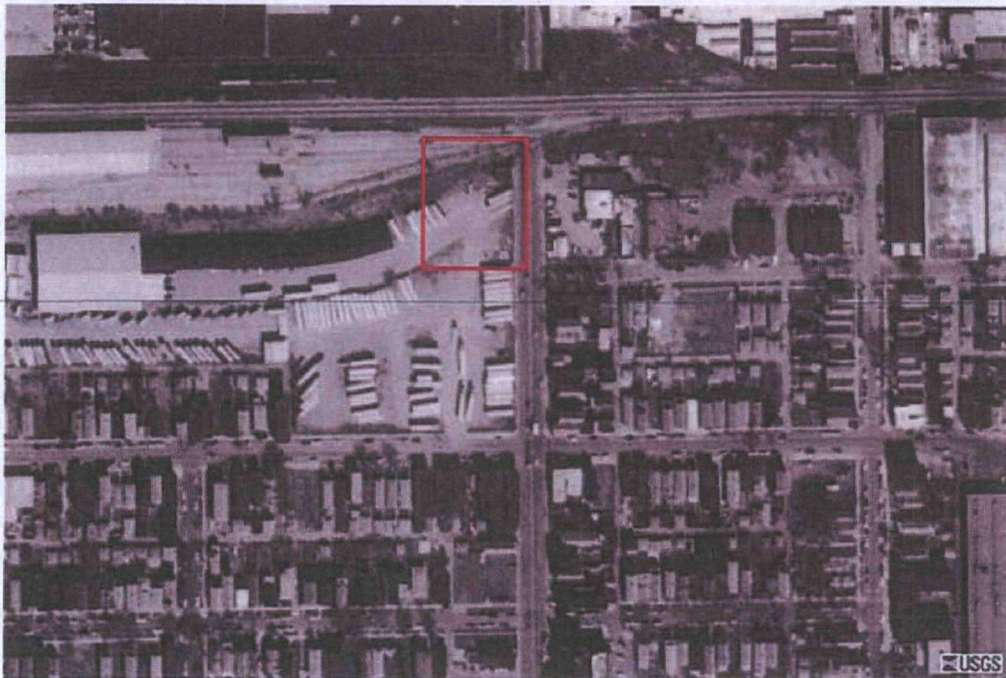
Appendix – A

[illegible]

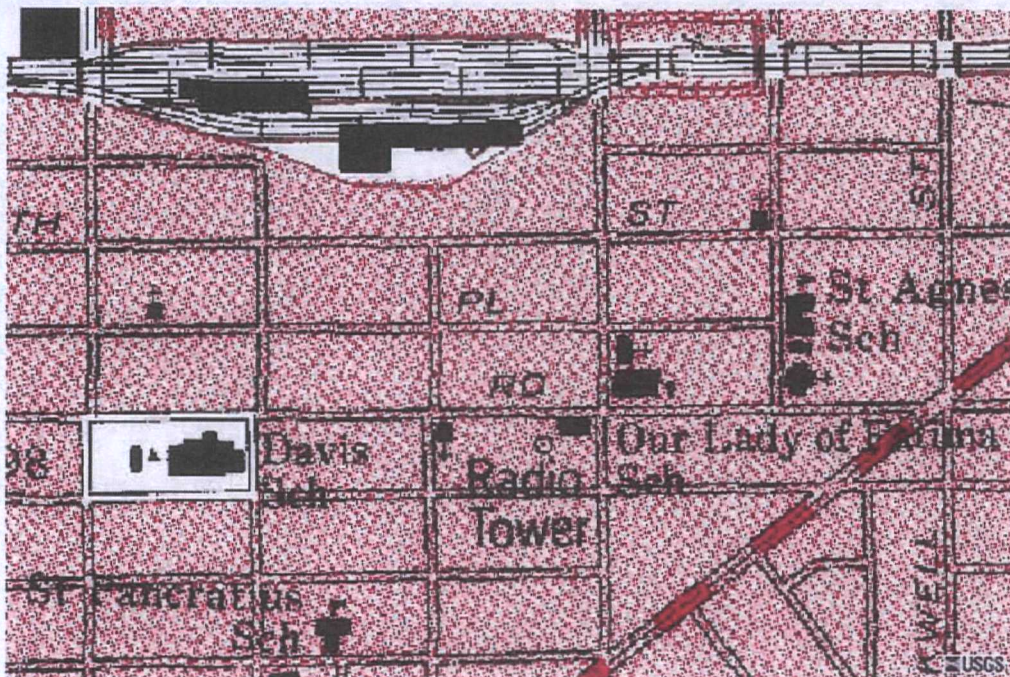
Appendix – B

Attachment - B

Aerial Photo from March 22nd, 1999

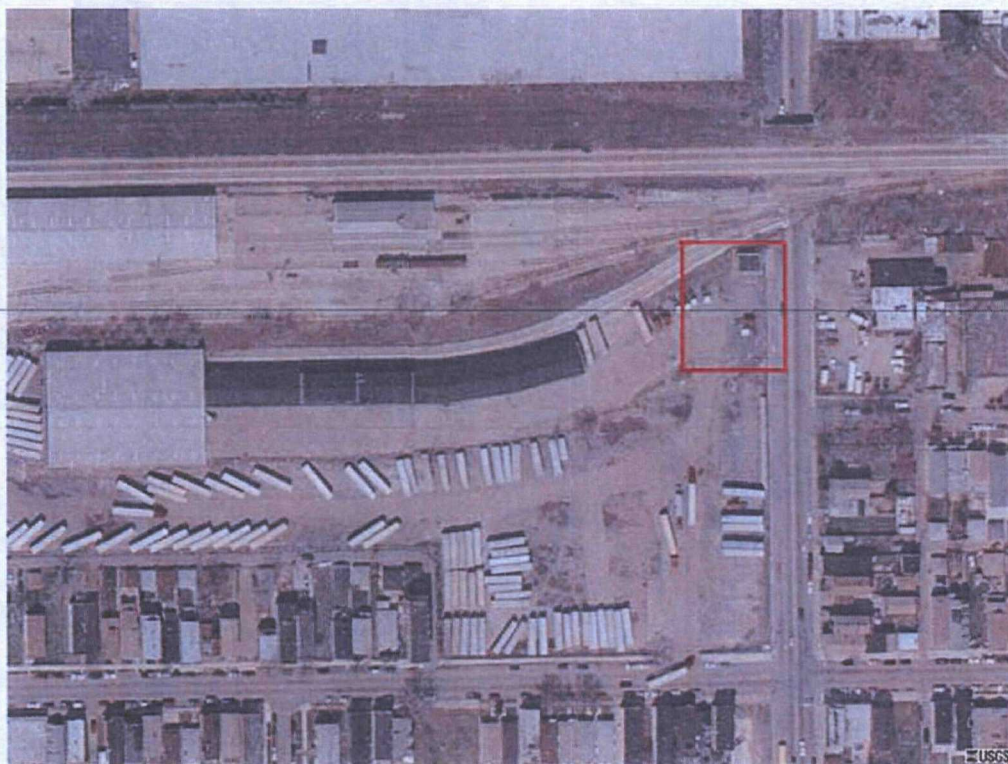


Topographical Map from July 1st, 1992



Attachment - B

Aerial Photo from April 10th, 2002



Aerial Photo (zoomed) from April 10th, 2002



Appendix – C

Attachment - C

Photograph 1



West side of S. California Street
Looking East

Photograph 2



West side of S. California Street
Looking Northwest

Photograph 3



West side of S. California Street
Looking West

Attachment - C

Photograph 4



West side of S. California Street
Looking West

Photograph 5



West side of S. California Street
Looking West

Photograph 6



West side of S. California Street
Looking Southwest

Attachment - C

Photograph 7



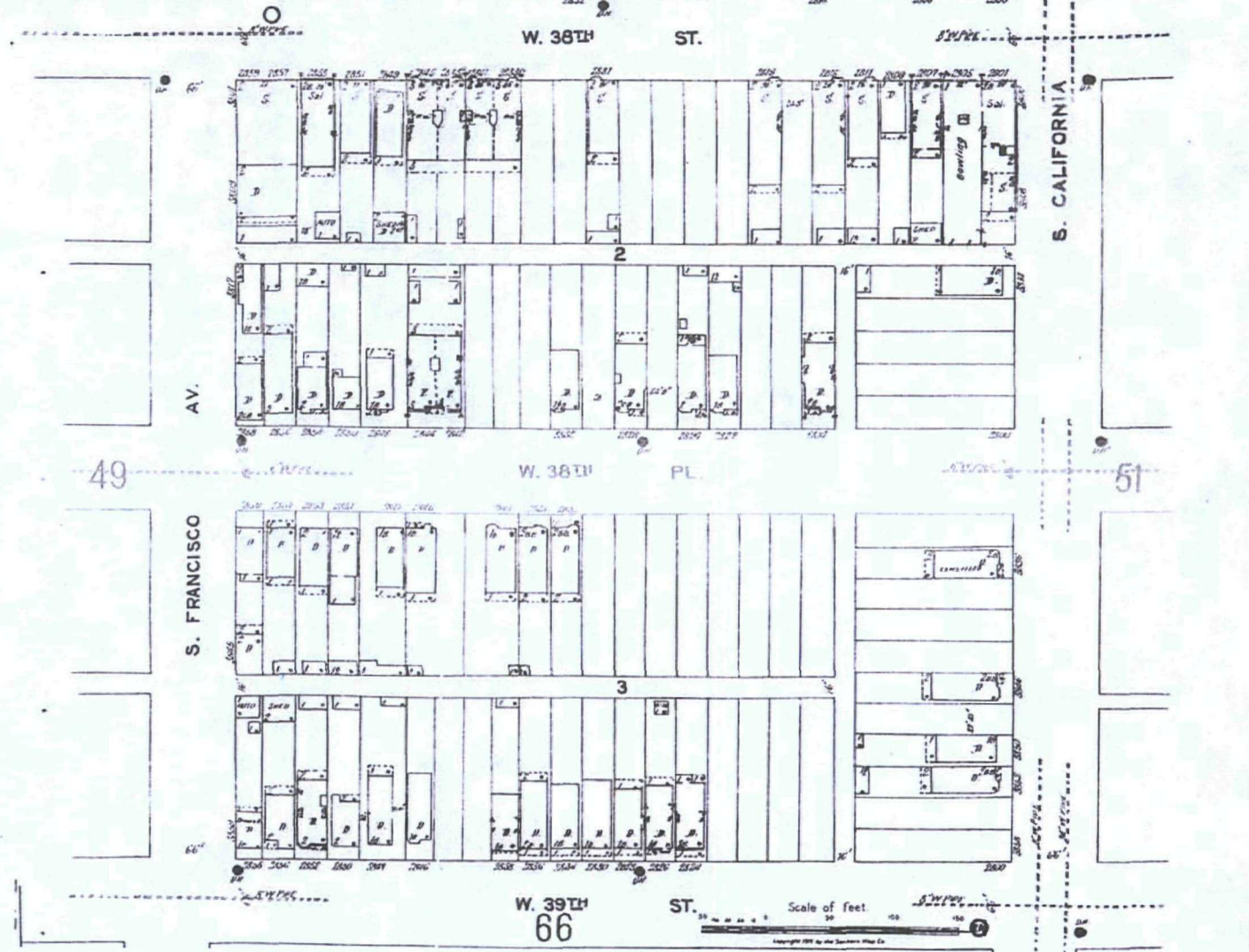
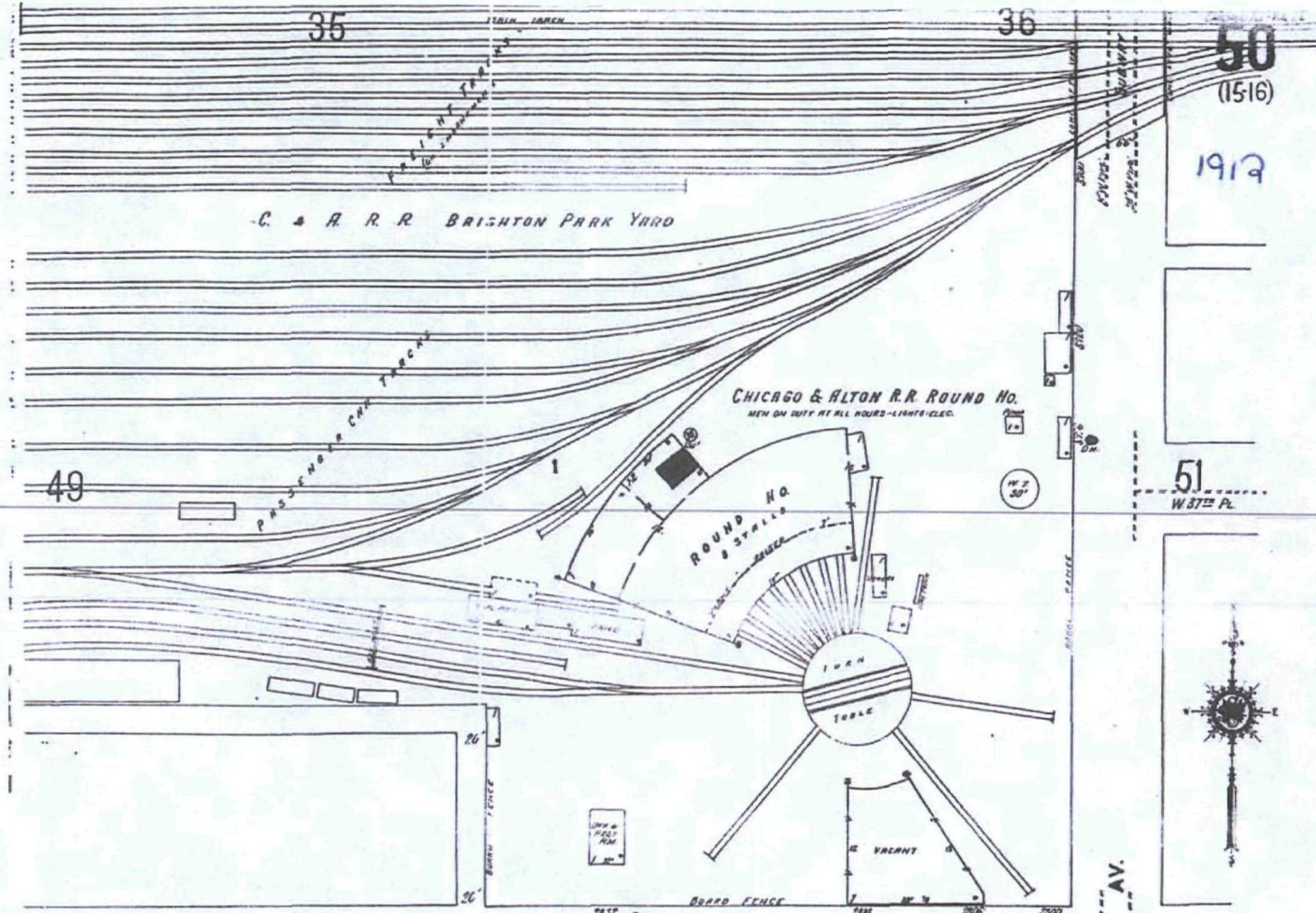
Southwest side of S. California Street
Looking West

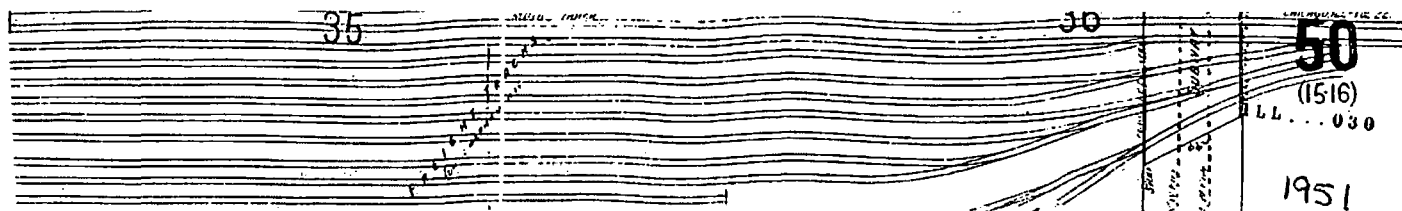
Photograph 8



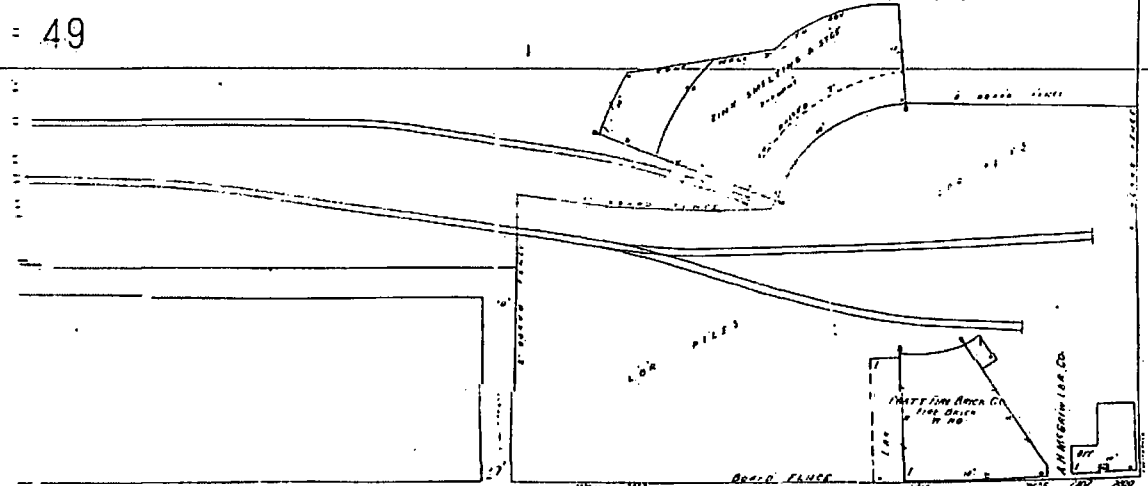
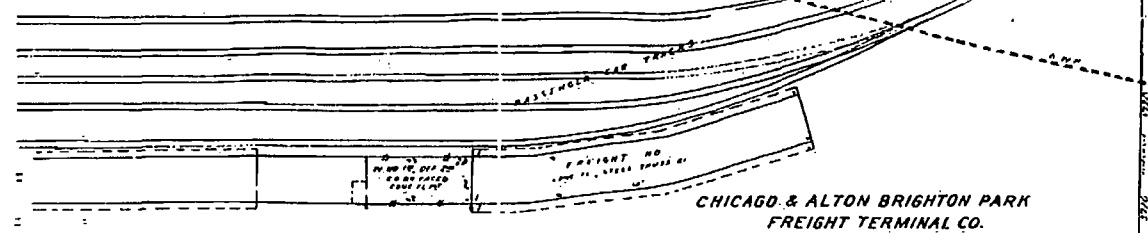
Southwest side of S. California Street
Looking Northwest

Appendix – D

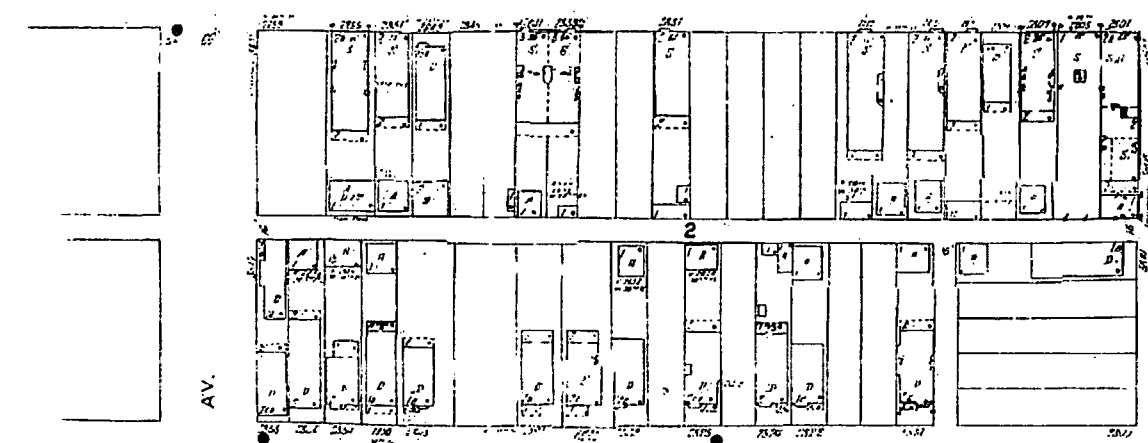




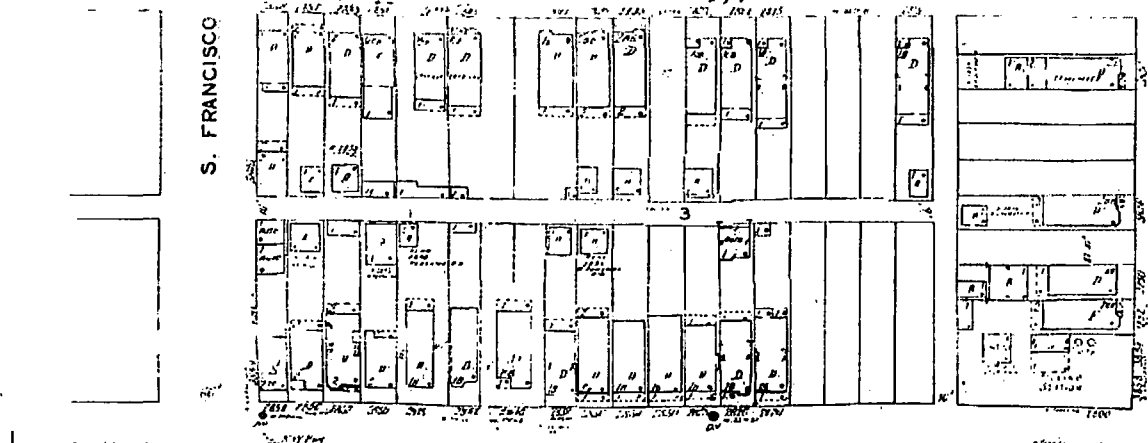
C. & R. R. R. BRIGHTON PARK YARD



W. 38TH ST.



W. 38TH PL.



W. PERSHING (W. 39TH ST) ROAD

Scale of Feet

Appendix – E

ILLINOIS

CHICAGO (Con.)

- ★Mendel & Bro., Samuel, 1135 S. Washtenaw
 †Merchants Steel & Supply Co., 141 W. Jackson Blvd. (Rails)
 ★Meyers & Co., Victor, 5323 Ellis Ave.
 ★Michigan Smelting & Refining Co., 410 N. Michigan Ave.
 ★Midland Smelting Co., 1424 N. Halsted St.
 †Midland Steel & Equipment Co., 400 S. Clinton St.
 †Midvale Iron & Supply Co., 80 E. Jackson Blvd.
 ✕Mid-West Auto Wreckers, 4100 W. Lake St.
 †Mid-West Iron & Steel Co., 1900 W. Carroll
 ★Midwest Metal Corp., 2117 S. Spaulding St.
 Millard Metal Co., 3627 W. Ogden Ave.
 ✕Milldale Auto Wreckers, 3235 Milwaukee Ave.
 ✕Miller Auto Parts, 1468 S. Blue Island
 Miller Iron & Metal Co., 1522 Noble St.
 ✕Morris Auto Wreckers Co., 2007 W. Fullerton
 ★Morris & Cohn, Inc., 540 W. 13th St.
 ★Municipal Auto Wrecking Co., 1113 W. 47th
 ✕Mutual Truck & Auto Parts Co., 2000 S. Wabash Ave.
 ★Nachenberg & Miller, 1335 S. Union Ave.
 ✕National Auto Wreckers Co., 3276 N. Milwaukee Ave.
 National Iron & Metal Co., 4030 S. Wells St.
 ★National Lead Co., 900 N. 18th St.
 ★National Metal Co., 1724 W. Lake St.
 Nickelson Iron & Metal Co., B. L., 8501 Baltimore Ave., (S. Chicago)
 ✕Noble Auto Wrecking, 455 N. Elizabeth
 ✕North & Cicero Auto Parts, Inc., 4822 W. North Ave.
 ✕North-Grand Auto Parts & Wrecking Co., 1711 N. Kilbourn
 ★North Side Metal Co., 1347 N. Oakley Blvd.
 ✕North Shore Auto Wreckers, 4454 N. Clark St.
 ✕Northwestern Auto Parts Co., 3662 N. Milwaukee Ave.
 ★Nusbaum & Co., Benjamin B., 1621 S. Michigan Ave.
 Oakley Scrap Iron & Metal Co., 330 S. Wells
 ✕Ogden Auto Wrecking Co., 3349 W. Ogden
 Ogden Metal Co., 3521 W. Ogden
 †Otis Iron Co., Inc., 2940 Carroll Ave.
 ★Pass Metals Co., Joseph, 2630 S. Wabash
 Peerless Iron & Metal Co., 4042 S. State St.
 Peoples Iron & Metal Co., 5833 S. Loomis Blvd.
 Pielet Scrap Iron & Metal Co., 2641 S. Whipple
 Pohn Iron & Metal Co., 2241 S. Loomis St.
 †Price Iron & Steel Co., Peoples Gas Bldg.
 †Price-Watson Co., 803 E. Jackson St.
 ✕R & S Motor Sales Co., 2256 S. State St.
 ✕Reliable Auto Wreckers, 2106 S. State St.
 †Reliance Iron & Steel Co., Inc., 2135 S. Sawyer Ave.
 ★Rosenberg & Co., Wm., 4442 W. Fillmore
 Rubin, Joseph, 3517 W. Lexington St.
 ✕S. K. Auto Wreckers, 9927 S. Michigan Ave.
 ★S. & R. Metal Co., 1150 W. 59th St.
 ✕Sandman & Son, Inc., J., 2220 Dominick St.
 ★Schoenbach Corp., Walter, 80 E. Jackson Blvd.
 †Scott Steel Co., 8 S. Michigan Ave.
 Security Iron & Metal Co., 1455 S. Blue Island Ave.
 †Seffren Supply Co., 213 N. Halsted St.
 ★Seligman Co., M., 1949 Clybourn Ave.
 ✕Service Auto Wrecking Corp., 1382 W. Randolph
 ✕Sheffield Auto Parts Co., 2518 N. Sheffield
 †Silver & Co., 4900 N. Avers Ave.
 ★Silverstein & Pinsof, 1708 Elston Ave.
 Skidmore, W. R., 2840 S. Kedzie Ave.
 ★Smith & Robinson, 420 Orleans St.
 ✕Smith's Auto Parts Co., 3454 W. Ogden Ave.
 ✕South Chicago Auto Wreckers, 8814 S. Mackinaw
 ✕South Side Auto Wreckers, 6803 S. South Chicago Ave.
 ★Standard Metal Co., 2726 S. State St.
 ✕State Auto Parts Store, 6546 S. State St.
 ✕State Street Auto Parts Co., 2255 S. State
 †Stern Sons Co., H., 4850 S. California Ave.
 ✕Superior Truck & Auto Parts, 2581 S. Archer
 ✕Trainor Auto Wrecking & Parts Co., 7234 S. Stony Island Ave.
 ★United American Metals Corp., 2246 W. Hubbard
 ✕United Auto Parts, 4743 W. Grand Ave.
 United States Metal Co., 4845 S. Whipple
 ✕Vincennes Auto Parts Co., 10750 Vincennes Ave.
 ★Vulcan Ingot Metal Co., Inc., 165 W. Wacker Dr.
 Waisman, Frank, 4829 N. Central Park
 †Waisman Iron & Steel Products, 608 S. Dearborn
 Wallack Bros., 1840 W. 74th Place
 ✕Warshawsky & Co., Inc., 1922 S. State St.
 ✕Warshawsky & Son, 1718 S. Wabash Ave.
 ✕Warshawsky & Warshawsky, Inc., 3220 W. Ogden Ave.
 ✕West Lake Auto Wreckers, 3133 W. Lake
 West Pullman Iron & Metal Co., 11954 S. Peoria St.

170 N. H-land St.

Established 1895

ILLINOIS SMELTING and REFINING CO.

OFFICE: 3710 SO. CALIFORNIA AVE., CHICAGO, ILL.

ZINC DROSS, ZINC & SALAMONIAK SKIMMINGS

DIE CAST DROSS AND SKIMMINGS

NEW AND OLD SCRAP ZINC

DIE CAST SCRAP

1940

ST PALM BEACH
or & Auto Parts, 1 Melvedere

cking, 540 17th
etal Co., 715 23rd

GEORGIA

ALBANY
tal Co.
Inc., Roosevelt Ave.
ATHENS
N. Thomas

ATLANTA
Metal Co., 80 Milton Ave., S. E.
ry & Metal Co., 94 Milton Ave.
etal Co., 1111 Ridge Ave., S. W.
attery Co., 634 Decatur, S. E.
ly Co., Inc., 1004 Seaboard Ave.,

ipment Co., 225 Rogers, N. E.
etal Co. Inc., 329 Decatur, S. E.

Inc., 329 Decatur, S. E. (1)
., 950 Marietta, N. W. (18)
Co., 80 Milton Ave., S. E.
740 Lambert N. E. (5)
I Co., Hiway, 41
., 555 Northside Dr., N. W.
Co., 329 Decatur, S. E.
ck Co., Inc., 229 Grant, S. E.

., 594 Decatur, S. E.
Corp., Div. of Atlanta Steel
4 Seaboard Ave., N. E.
ons, of Atlanta Inc., 972 Avon

tal Co., 897 Adamson, S. W.
Co., 3820 Bankhead Hiway
tal Co., 386 Decatur St., S. E.
., 451 Bishop St., N. W.
360 Jones Ave., N. W.
900 Ashby, N. W. (18)
., 151 Sampson, N. E. (12)
229 Grant, S. E.
& Metal Co., 801 East Ave.,

., 1041 Howell Mill Rd., N. W.
ly Co., 301 Decatur, S. E.
etal, Inc., 1145 Simpson Rd.,

AUGUSTA

1433 Reynolds
Inc., 1911 Alabama Rd.
Metal Co. Inc., 241 Dan Bowles

Steel Co., 1365 Reynolds
etal Co., 5th & Reynolds Sts.
610 Gwinnett St.

AINBRIDGE

nc.
West St.

BOSTON

O. Box 206
ROLLTON
Co., 100 Shunshine

CEDARTOWN

*Smith Iron & Metal Co., 572 Spring

COLUMBUS

Cohn, E., & Co., 200 8th Ave.
*Knight, E. J., Scrap Material Co., 545 10th Ave.
*Knight, J. T., & Son, Inc., 508 10th Ave.

CONYERS

Conyers Salvage Co., P. O. Box 3
CORDELE

*Durham Iron Co.

DALTON

Dalton Iron & Metal Co., Dixie Hiway.

DUBLIN

Perry, J. H. Co., Box 27
Watson, P. M. Co., 338 S. Jefferson
FOREST PARK

Forest Park Metal Co., 41 Highway
GRIFFIN

*Goldstein, M., 415 E. Broad
LA GRANGE

Simon & Sons, 400 Main
MACON

*Andrew Iron & Metal, 344 Oak
DuBose Junk Co., 122 Lower Poplar
*Hirsh Metal Co., P. O. Box 962
*Macon Iron & Paper Stock Co., P. O. Box 506

MILLEDGEVILLE

Butler Scrap Co., 801 N. Jefferson
ROME

*Anniston Scrap Material Co., 4 E. 3rd
Culp Iron & Metal Co., 2 E. 4th

SAVANNAH

*Chatham Iron & Metal Co., Dixon & W. Boundary
Hawkins Iron & Metal Co., Inc., P. O. Box 1899
*Knight Scrap Material, 496 East Broad
Southern Iron & Metal Co., Lathrop Ave.

SUMMERVILLE

Summerville Iron & Metal Co., Rte. 2
THE ROCK

Industrial Salvage Co.

TOCCOA

Toccoa Iron & Metal Company, Box 271

VALDOSTA

Rice Iron & Metal Co., 801 W. Hill Ave.
Valdosta Iron Co., P. O. Box 547

WASHINGTON

Ogletree Wrecking Co., Rt. 1, Box 70
WAYCROSS

Hatcher Iron & Metal Co., Cypress St.

HAWAII

HILO

Hawaii Junk Ltd., 190 Piopio
*Hilo Salvage Co. Ltd., 573 Lanikauala

HONOLULU

Equipment Corp.-Hawaii, 98-201 Kam Hiway.
*Flynn-Learner, 120 Sand Island Rd.
*Hawaii Lead Co., 965 Nimitz Hiway.
Hawaiian Salvage Co. Ltd., 238 Sand Island Rd.
*Honolulu Supply Co. Ltd., 204 Sand Island Rd.
Honolulu Junk Co., Ltd., 836 S. King
Island Metals, Inc., 192 Mohonua Pl.

HONOLULU (Cont.)

Kyoyei Shokwai, Ltd., 1357 Liliha

*Moanalua Exchange, Ltd., 2833 Kamehameha

HIWA

*National Metals Co., Ltd., P. O. Box 2157
Oahu Metal & Supply Co. Ltd., 1127 N. School
Okudas, T. Scrap Metal Works, 1804 Kahai
Pacific Suppliers Ltd., 192 Mohonua Pl.

WAILUKU

Maui Metal Co., P. O. Box 1732

IDAHO

BOISE

Koppel, Harry, Co., Fairview Ave.
Northwest Iron & Metal Co., 308 S. 25th
CALDWELL
Pat's Salvage Yard, Hiway 30, E. St.
*United Iron & Metals Co. Inc., 3rd & Railroad Sts.

GOODING

Farmers Exchange, 147 Main

NAMPA

Crooks, D. S., Scrap Yard, Industrial Rd.
*United Iron & Metals Co. of Nampa, Inc., 1748
Garrity Blvd.

POCATELLO

McCarthy's, Inc., 658 S. First Ave.

TWIN FALLS

Langdon, L. L., 160 5th Ave., W.
Twin Falls Auto Parts Inc., P. O. Box 427

ILLINOIS

ALTON

*Federated Metals Div., American Smelting &
Refining Co.

Hartmann, N., Co., 915 Union
*Hyman Michaels Co., Chesson Lane
Mack, Frank Co., 443 Buchanan
Stern, Mat & Co., 2 E. 14th

ARGO

Jan's Industrial Iron & Steel Co., 7736 W. 62nd Pl.

AURORA

Aurora Iron & Metal Co., 400 N. Broadway
*Aurora Refining Co., P. O. Box 88
Block, Abraham, Iron & Metal Co., 940 W. Lake
Fox Valley Metal Co., Inc., 637 N. Broadway
Gordon Isador, 1034 Dearborn
*Jobbins, William F., Inc., P. O. Box 230
Stegmann, R., Auto Wrecking & Junk Yard, 135
3rd
Volz Iron & Metal Co., 940 W. Lake

BARTONVILLE

*Lipsett Steel Products Inc., 7000 S. Adams
BECKEMEYER

*Federated Metals Div., American Smelting &
Refining Co.

BELLEVILLE

Schaeffler Yard, 716 S. 1st
Spirtas, M. & Co., 900 West Boulevard
Woosley Equipment & Salvage Corp., P. O. Box 249

BELVIDERE

Silver, Louis, Coal & Iron Co., P. O. Box 274

BENSONVILLE

*Carroll, Donald Metals, Inc.

BLOOMINGTON

*Tick, Morris, Co., P. O. Box 755
*Tick Smelting Co., P. O. Box 755

BLUE ISLAND

*Briggs & Turivas, Inc., 139th St. near Western
Ave.

*Graff, Reuben R. Co., 13546 S. Western Ave.

BRIDGEPORT

Fox Iron & Metal Co., East Corporation Line
BROOKFIELD

*Lieberman & Gittlen Metal Co., Inc., 3214 Grand

CAIRO

*Solomon, J., & Sons, 17th & Cedar

CANTON

Gavenda Bros., Inc., 352 S. 2nd Ave.

CARBONDALE

McCaslin Scrap Yard, 609 N. Washington

CARMI

Dumes & Sons, First St.

CHAMPAIGN

Brown, H. Scrap Co., 905 N. Poplar
Town, Morris, 702 N. Market
Champaign Junk Co., 302 S. Market
Marco Steel Supply Co., 302 S. Market

CHICAGO

A & A Junk Co., 409 N. Pulaski
A & A Junk Yard, 5122 S. State
A B Junk Service, 2649 N. Halstead
A & S Scrap Metals, 3945 W. 61th
A-1 Scrap Iron Co., 5275 S. Archer Ave.
*Abco Metals Co., 8123 S. Vincennes Ave. (20)
*Abblin Bros., 3108 S. Robinson (8)
Accurate Iron & Metal Co., 2235 W. Hubbard
Acme Junk Co., 5253 N. California
Acorn Scrap & Wrecking Co., 2664 E. 106th (17)

Established 1895

ILLINOIS SMELTING and REFINING CO.

OFFICE: 3637 S. ALBANY AVE., CHICAGO, ILLINOIS

ZINC DROSS, ZINC & SALAMONIAC SKIMMINGS

DIE CAST DROSS AND SKIMMINGS

NEW AND OLD SCRAP ZINC

DIE CAST SCRAP

Zinc Profile

Zinc is a blue to grey metallic element, found broadly throughout the world and ranking only behind aluminum and copper in order of consumption among the non-ferrous metals. Its basic characteristics of (a) relatively low melting point (die casting), (b) good resistance to atmospheric corrosion combined with its high place in the galvanic series of metals (galvanizing), (c) solubility in copper (brass), and (d) inherent ductility and malleability (wrought zinc and zinc base alloys), have been responsible for its high place among the materials for construction in today's industrialized civilization. Zinc's oxide finds wide application in rubber, in pigments and in a large variety of chemical uses.

MARKETS — UNITED STATES: the consumption of slab zinc in the United States for 1970 was about 1,164,600 tons. The total included the following markets:

for die casting	446,700 tons
for galvanizing	426,700 tons
for brass and bronze	125,900 tons
for rolled zinc	39,300 tons
for oxide from slab	44,200 tons

In addition, about 200,000 tons of oxide will have been consumed. This for rubber (as an activator in the curing

(Continued on page 153)

ZINC

Alloys

Amax Aluminum Co. Inc.
Foil Products Div.
Amax Lead & Zinc
American Smelting & Refining Co.
American Zinc Co.
Ametalco, Inc.
Anchor Alloys, Inc.
Ansam Metals Corporation
Apex Smelting Co.
Div. of Amax Aluminum Co. Inc.
Arco Die Cast & Metals Inc.
Associated Metals & Minerals Corp.
The G. A. Avil Co.
Bache & Co., Inc.
Barth Smelting Corp.
Sub. of Ogden Corp.
Belmont Smelting & Refining Works, Inc.
H. Bixon & Sons
Brandess, Goldschmidt & Co., Inc.
The Broken Hill Associated
Smelters Pty. Ltd.
The Bunker Hill Co.
Sub. of Gulf Resources & Chemical Corp.
Cerro Corp.
Certified Alloys Corp.
Certified Metals Mfg. Co.
Cominco Gardiner Ltd.
Cominco Ltd.
Commercial Metals Co. of Alabama, Inc.
Delaware Valley Smelting Corp.
T. L. Diamond & Co., Inc.
A. Diamond Steel & Supply Co.
Eagle Picher Industries Inc.
Eastern Alloys, Inc.
Empire Metal Co.
Aaron Ferer & Sons, Inc.
Friedman Metal Co.
Gardner Metal Co.
General Smelting Co.
Gould Metals, Inc.
Harmon, Lichtenstein Co.
Henning Bros. & Smith Inc.
K. Hettlerman & Sons Corp.
Illinois Smelting & Refining Co.
Intsel Corp.
Johnson Mfg. Co.
Keystone Metal Co.
Lake Calumet Smelting
R. Lavin & Sons, Inc.

Zinc Profile

(Continued from page 152)

process), as a paint pigment, in chemicals and pharmaceuticals. The purer grades of oxide included in the gross tonnage indicated are produced from slab, the ordinary grades directly from concentrate.

During the earlier years of the 1960 decade, the rate of growth in consumption of zinc world-wide approached 5 percent per year. More recently, the rate of growth has been about four percent.

The United States automotive industry is the largest consumer of zinc, taking about one-third of the total.

Special high grade zinc is the only grade used for die casting alloys which also is required for the high purity brasses and some other uses. Those grades contain additional amounts of lead as an impurity are used for the less stringent uses with prime western for ordinary galvanizing.

Special high grade zinc is the only grade used for die casting alloys which also is required for the high-purity brasses and some other uses. Those grades contain additional amounts of lead as an impurity are used for the less stringent uses with prime western for ordinary galvanizing.

SUPPLY: Zinc ores are commonly found in association with those of other metals, notably lead, though frequently with copper, gold, silver and others which occur as valuable impurities. Mining operations are typical of those which are generally underground. Pit mining is not common.

The more important known zinc ore areas of the world are those in the United States, Canada, Mexico, Peru, Australia, the Congo, Italy, Germany, Japan, the USSR and Poland. Canada promises to become the largest mining producer. Promising exploration continues throughout the world. Proven reserves are extremely large and if combined with inferred reserves, constitute a larger future supply than ever before expected.

Since shortly before World War II, the United States has been a large net importer of zinc, both in the form of concentrate and slab. In recent years, importation of concentrate and metal has exceeded domestic mining production.

PRICES: The common reference price for zinc was the prevailing for Prime Western, East St. Louis, which has varied from 8.65 cents per pound during the price control period of World War II to more than 29 1/4 cents down. In January, 1971, the industry switched from

Established 1895

ILLINOIS SMELTING and REFINING CO.

OFFICE: 3637 S. ALBANY AVE., CHICAGO, ILLINOIS

ZINC DROSS, ZINC & SALAMONIAC SKIMMINGS

DIE CAST DROSS AND SKIMMINGS

NEW AND OLD SCRAP ZINC

DIE CAST SCRAP

Al Cohn, Pres. & Sales Mgr.; Jack Cohn, Gen. Pur. Agt.; Maurey Cohn, Scrap Pur. Agt.
EQUIPMENT: 4 reverb. and 1 sweat furnaces; 4 kettles.

PRODUCTS: Secondary aluminum ingot, virgin zinc die cast.

CONSUME: Primary Metals: Aluminum, special high grade zinc, Scrap Metals: No. 1 copper wire, No. 1 heavy copper, aluminum bronze, all grades of aluminum.

Illinois Smelting & Refining Co., 3637 S. Albany Ave. (Zone 32)

PRODUCTS: Spelter, lead, copper, brass and aluminum ingots. Babbitt, type metal, solders, etc.

CONSUME: Primary Metals. Scrap Metals: Zinc dross, zinc and salamoniac skimmings, die cast dross, die cast scrap. Scrap zinc and other grades of white metals.

Imperial Smelting Corp., 1031 E. 363rd St. (Zone 28)

Subsidiary Co.: Imperial Export Corp.
EQUIPMENT: Sweat and crucible furnaces, kettles.

PRODUCTS: Zinc alloys, babbitt, solder, tin, zinc, lead.

CONSUME: Scrap Metals: High-grade bronze gears, babbitt-lined brass bushings, aluminum S-type alloys, die cast scrap, all grades of white metals.

Inland Metals Refining Co., 651 E. 119th St. (Zone 28)

Custom Smelters.
CONSUME: Tin, lead and zinc base scrap metals, drosses, mattes, sweats, etc.

Interstate Smelting & Refining Co., Inc. 9651 S. Torrence Ave.

Sales Office, 332 S. Michigan Ave.
EQUIPMENT: 3 revolving furnaces, 2 electric furnaces, 1 kettle.

PRODUCTS: Brass and bronze ingots, manganese bronze, nickel silver, silicon bronze, aluminum bronze.

CONSUME: Scrap Metals: All grades of brass, bronze and copper base scrap.

Kester Solder Co., 4201 Wrightwood Ave. (Zone 39)

Plants, Newark, N.J.; Anaheim, Calif.; and Brantford, Ont., Can.

PRODUCTS: Solder of all types, and soldering fluxes.

CONSUME: Primary Metals: Antimony, desilverized lead, grade A tin.

Kramer, H., & Co., 1315 W. 21st St. (Zone 8)

Howard K. Chapman, Pres.; Wm. Romanoff, Exec. Vice Pres.; S. A. Glueck, Vice Pres. &

Gen. Mgr.; E. S. Schwartz, Vice Pres. & Works Mgr.; R. A. Borinstein, Vice Pres. & Scrap Pur. Agt.; E. A. Faldberg, Vice Pres. & Gen. Mgr., Calif. Div.; Ben Kaufman, Vice Pres. - Ajax Metal Div.; A. M. Shefelk, Gen. Pur. Agt. Divisions: Ajax Metal Div., Philadelphia, Pa.; California Div., El Segundo, Calif.

EQUIPMENT: 9 Reverb., 5 Electric, 8 Rotary, 1 sweat and 1 copper furnaces; 3 kettles; 1 cupola.

PRODUCTS: Brass and bronze ingots, manganese bronze ingots, phosphor copper and special alloys, nickel silver ingots, phosphor bronze ingots, aluminum bronze ingots, phosphor bronze and silicon bronze ingots, zinc base die cast metal, copper shot.

CONSUME: All grades of primary and scrap metals.

Lavin, R., & Sons, Inc., 3426 S. Kedzie Ave. (Zone 23)

William Lavin, Pres.; Hal Lennon, Scrap Pur. Agt.

PRODUCTS: Brass and bronze ingots, aluminum ingots, zinc base die casting alloys, copper anodes.

CONSUME: All grades of primary metals, Scrap Metals: All grades of copper, brass, bronze and aluminum, aluminum bronze scrap, cupro-nickel turnings, die cast scrap, German silver clippings and castings, low brass clippings, monel metal clippings, castings and turnings, old nickel anodes.

Lincoln Smelting & Refining Co., 5811 W. 66th St. (Zone 38)

PRODUCTS: Zinc base die cast metal, babbitt, solder.

Midland Smelting Co., 1424 N. Halsted St. (Zone 22)

Jack Weinger, Pres.; Bernard Weinger, Pur. Agt.

Smelters and refiners of babbitt, type metals, tin, bearing metals, zinc, die cast metal.

CONSUME: Primary Metals: Aluminum, lead, tin, zinc. Scrap Metals: All grades of white metals.

National Lead Co., 900 W. 18th St. (Zone 8)

EQUIPMENT: Blast, sweat and reverb. furnaces.

PRODUCTS: Antimonial and soft lead, solders, babbitts, ingot lead.

CONSUME: Primary Metals: Lead, tin, antimony. Scrap Metals: All grades of white metals.

(Main office, New York, N. Y.)

National Metal Co., 1724 W. Lake St. (Zone 32)

Inc. 1933.
Sidney Silverstein and Jean Silverstein, Part-

ners; Sidney Silverstein, Sales Mgr. and Pur. Agt.

PRODUCTS: White metals. Annual capacity, 1,500 tons.

CONSUME: All grades of scrap white metals.

North Branch Metal Products, Inc., 3388 N. Avondale

PRODUCTS: Die cast, babbitts, solder, lead primary and secondary.

CONSUME: Scrap white metals.

Sandoval Zinc Co., 3949 S. Albany Ave., (Zone 32)

Main Works: Sandoval, Ill. Chemical Plant: East St. Louis, Ill.

Smelters of spelter, pig lead, antimonial lead.

PRODUCTS: Zinc sulphate, zinc chlorate, tinning flux, zinc dust.

CONSUME: Metallic residues of lead, zinc, etc.

Security Alloys Co., Inc., 3104 W. 49th Pl. (Zone 32)

Smelters and converters of monel and nickel copper.

PRODUCTS: Pre-alloyed furnace charges.

CONSUME: Monel metal, nickel, nickel silver, tungsten, chrome. Scrap Metals: Cupro-nickel turnings, monel metal clippings, castings and turnings, old nickel anodes, nickel silver scrap, German silver clippings and castings, old nickel anodes; stainless steel.

(Subsidiary Company: Harsid, Inc., 3104 W. 49th Pl., Chicago, Ill.)

Sellman, M., & Co., 3401 S. Lawndale Ave. (Zone 23)

Inc. 1905.

EQUIPMENT: 1 crucible and 1 rotary furnaces.

PRODUCTS: Brass and bronze ingots, copper shot

CONSUME: Primary Metals: Casting copper, electrolytic copper, Straits and other grades of tin, Prime Western zinc, special high grade zinc. Scrap Metals: All grades of red and yellow metals, scrap babbitt, block tin, No. 1 pewter old bell metal.

Simmons Refining Co., 1706 S. Normal Ave. (Zone 16)

PRODUCTS: Gold, Silver, Mercury, Platinum, and all precious metals.

Sipi Metals Corp., 1720 Elston Ave. (Zone 22)

Inc. 1905.

Plant: 1001 W. Weed St., Chicago.

Philip P. Pinsof, Pres.; M. E. Lippert, Sales Mgr.; Edward Pinsof, Gen. Pur. Agt.; Ira Silverstein, Scrap Pur. Agt.

EQUIPMENT: 3 reverb., 3 crucible and 4 sweat furnaces; 4 kettles.

PRODUCTS: Brass and bronze ingot, zinc base alloys, copper and copper nickel alloys, zinc dust and zinc oxide, slab P. W. zinc.

CONSUME: Primary Metals: Aluminum, antimony, electrolytic copper, antimonial lead, chemical lead, soft Missouri lead, magnesium, etc.

Prime Western zinc, Ferro-ganese, ferrosilicon. Scrap 1 zinc, zinc clippings, engr sweated zinc dross, zinc die Specialloy, Inc., 4025 S. 1 32)

PRODUCTS: Copper, nickel, ganese, tantalum, zirconium, hardeners.

CONSUME: Primary Metal: ing and electrolytic copper, als.

Suppo Smelting & Refining roll Ave. (Zone 7)

Smelters and refiners of

CONSUME: Lead covered cable; tin, solder babbitt, other white metals, drosses: bismuth, cadmium, mercury

United Refining & Smelting roll Ave., (Zone 12)

Inc. 1930.

Benjamin Sims, Pres.; A Pur. Agt. & Sales Mgr.; Jori

ald Rousenon, Scrap Pur. Agt

EQUIPMENT: 5 crucible 1 special built furnaces.

PRODUCTS: Annual Capa platinum, unlimited; cadmi bismuth, 1,000,000 lbs.

CONSUME: Bismuth ore metals, chemicals and comp mium, scrap metals, residu als and compounds; tin, dues, alloys, chemicals and scrap metals, residues, allo compounds; gold, scrap m loys, chemicals and compo speed, precious metal, elec als, alloys, residues, chu pounds. Low melting alloys.

CHICAGO HEI

Hall Aluminum Co., 1751 Sam S. Fingert, Pres.: D Agt.

EQUIPMENT: 3 reverb. an

PRODUCTS: Aluminum lu mium deoxidized, aluminu pacity, 20,000,000 lbs. alumi bates Reynold's Metals' pr got.

CONSUME: Primary & electrolytic copper, magnes aluminum and magnesium s

Harris, Benj., & Co., 111 Inc 1901.

Benjamin Harris, Pres.; Sales Mgr.; Joseph Zebrows

Sam Lippa, Scrap Pur. Agt

EQUIPMENT: 4 reverb. 2 cible furnaces; 1 cupola; 2

PRODUCTS: Brass and b base alloys. Annual capa

CONSUME: Primary Meta trolytic and fire refined co common lead, nickel, Strait grades of tin High Grade

FOR PROMPT DELIVERIES
AND TOP QUALITY
**ALUMINUM INGOT
OR SHOT**

Call Cleveland, O. • MOntrose 2-3100
**Aluminum Smelting
& Refining Co., Inc.**

MAPLE HEIGHTS, OHIO

Established 1896

ILLINOIS SMELTING and REFINING CO.

OFFICE: 3710 SO. CALIFORNIA AVE., CHICAGO, ILL.
 ZINC DROSS, ZINC & SALAMONIA SKIMMINGS
 DIE CAST DROSS AND SKIMMINGS
 NEW AND OLD SCRAP ZINC
 DIE CAST SCRAP

Scrap
Iron

**MOSKOWITZ
BROS.**

1205 Budd Street

Scrap Iron Yards

Sixth and Mill Creek and B. & O. R. R., Storrs Station

CINCINNATI, OHIO

Scrap
Metal

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• **WORLD'S WASTE TRADE DIRECTORY** — Listing and classifying the international firms dealing in waste and scrap materials, old iron, metals, textile wastes, rags, waste paper, used bags, etc., consisting of the world's leading importers and exporters. Price \$5.00.

SCRAP IRON AND METAL DEALERS

ILLINOIS

CHICAGO (Con.)

Sangamon & Lake Junk Shop, 206 N. Sangamon
 Santow Bros., 1302 W. Cernak
 Schladht, Max, 509 N. Franklin
 Schlossberg, Max, Co., 33 N. La Salle St. (2)
 Scimeca, Victor, Co., 2113 N. Lake-wood
 Scott Steel Co., 8 S. Michigan Ave.
 Security Alloys Co., 3104 W. 49th Pl. (32) (Nickel-chrome, stainless steel, high speed steel scrap)
 Seffren Supply Co., 213 N. Halsted St. (6)
 Segal, Louis, & Sons, 1237 S. Springfield Ave., (23)
 *Seligman, M., & Co., 1951 N. Clay-bourn
 Serlin, Gene, Junk Co., 3250 W. Evergreen
 Serlin Iron & Metal Co., 2501 S. Farwell
 Sharrack Scrap Iron & Metal Co., 1233 S. Babash Ave.
 Shapiro's, I., Junk Yard, 53rd W. 126th St.
 Sheffield Metal Shop, 1750 N. Sheffield
 Sherman's Junk Yard, 418 N. Wolcott
 Shiner, Sam, Junk., 2306 N. Elston Ave.
 Shiner & Son Junk Co., 1858 N. Elston
 *Shore Metals Co., 1016 S. California
 Siegel, W. I., 3541 S. Normal
 Silver & Company, 141 W. Jackson Blvd. (4)
 Silverman, David, 212 N. Cicero Ave.
 *Silverstein & Pinsof, Inc., 1720 Elston Ave. (22)
 *Smith & Robinson, 1764 W. Highland
 Sneider, Harry, & Son, 5822 N. Spaulding
 Snyder Iron & Steel Co., 3430 W. 38th
 Somach, Hyman, 2722 W. Haddon
 South Center Junk Co., 6113 S. State
 South Chicago Iron & Metal Co., 9300 Harbor Ave. S.
 Southside Iron & Metal Co., 4501 S. State St.
 South Side Waste Material Co., 126 S. Swan
 Spero Metal Co., 5434 N. Kenmore Ave.
 Springer, Frank, 1750 N. Sheffield
 Standard Industrial Salvage Co., 3404 W. Douglas
 Standard Iron & Metal Co., 6229 S. Hoyne
 *Standard Metal Co., 4004 S. Went-

Steinberg, Alex., 1051 W. La Steiner, Frank, Co., 1220 W. Stern, H. Sons Co., 4850 S. ornia Ave. (32)
 Sternberg, Herman J., 141 W. Steigel, Industrial Scrap Co 47th Pl. W.
 Stillerman & Loader, 1114 W. Stubitich, E., 5438 W. Wentw
 Superior Junk Co., 2750 W. S
 *Superior Metals & Chemicals 1315 W. North Ave. (22)
 Tarnofsky, Fred, 1023 W. 63
 Tarnofsky, Max, & Sons, 645 cine
 Teller Iron Co., 53 W. Jack (4)
 35th Street Iron & Metal Co. S. Federal St.
 26th & Federal Junk Shop, 3 LaSalle
 *United American Metals Corp 111. 2246 W. Hubbard St.
 *Wallack Bros., 7400 S. Dam (36)
 Warner, Edward R., & Co., 2 Clybourne Ave.
 Weiner, J., 1140 S. Canal
 Weiner, Paul, 1815 S. Karlo
 Weinstein, A., 1347 N. Oakl
 Weiss steel Co., Inc., 600 son
 Weisman, K., 1643 S. Avera
 Weitzman, Hyman, 1210 S. Ko
 West Pullman Iron & Metal C 11954 S. Peoria St. (43)
 West Tower Junk Dealer, 114 man
 Western Ave. Iron & Metal C Box 545
 *Western Metal Co., 3201 S. Ave. (23)
 Winchester, Morris, 1430 N. Ave.
 Wolf Mill Supply Co., 1441 ferson (7)
 Wortman, A., & Sons, 2043 N. Ave.
 Young, B.A., & Sons, 1001 W Zaslowsky Iron & Metal Co., 43rd St.
 Zeld & Frank Metal Co., 145 Blue Island Ave.
 *Zeller Bruce Battery Co., Arthington (Old Batteries
 Zeld & Frank Metal Co., 145 Blue Island Ave.
 *Zeller Bruce Battery Co., Arthington (Old Batteries
 Zemansky, Sam, 2204 S. Lafl
 Zukowski, John, 1746 W. Eri

CHICAGO HEIGHTS

Chicago Heights Iron & Supp
 1750 Wentworth Ave.

ILLINOIS

CHICAGO (Con.)

PRODUCTS: Bronze ingot, brass ingot, manganese bronze, aluminum bronze, nickel silver, aluminum ingot, all alloys.

CONSUME: Fire refined copper, 99% tin, special high-grade zinc. All grades of scrap metals.

Federated Metals Div. American Smelting & Refining Co.
(See Whiting, Ind.)

Gardiner Metal Co., 4819 S. Campbell Ave. (Zone 32)

EQUIPMENT: Blast furnace.

PRODUCTS: White metal alloys, pig and drop solder, pig tin, type metals, lead pipe, anti-friction metal, babbitt, battery grid metal, tin pipe, pig lead.

CONSUME: Virgin aluminum, antimony, copper, lead, tin. Bearing plate metal. Scrap white metals.

General Chemical Div. Allied Chemical & Dye Corp., 3357 W. 47th Pl.

PRODUCTS: Chemicals, etc.

CONSUME: Zinc skimmings, drosses and ashes.

Goldsmith Bros. Smelting & Refining Co., 109 N. Wabash Ave.

Plants: Chicago, Ill., and Long Island City, N.Y.

Est. 1867. Cap. & Surplus, \$3,400,000.. Marc S. Goldsmith, Pres.

EQUIPMENT: Blast furnace, reverberatory furnaces, cupolas.

PRODUCTS: Soft and corroding lead, antimonial lead, mercury, all precious metals and their salts, silver nitrate, silver cyanide, silver oxide, pure silver molecular powder, silver solders.

CONSUME: Virgin lead. Battery plate metal. Battery plates, soft and hard lead, drosses and slags, lead pipe, precious metal scrap, wastes, residue, mercury scrap.

Illinois Smelting & Refining Co., 3710 S. California Ave.

PRODUCTS: Spelter, lead, copper, brass and aluminum ingots, babbitt, type metal, solders, etc.

CONSUME: New and scrap metals.

Imperial Smelting Corp., 4442 W. Fillmore.

PRODUCTS: Babbitt, solder, type and die cast metal.

CONSUME: Scrap: All grades of white metals, bell metal, die cast scrap, monel metal clippings, castings and turnings, old nickel anodes, nickel

Keater Solder Co., 4201 Wrightwood Ave.

F.C. Engelhart, Pres.; J.H. Humble, Sales Mgr.; G.E. Fischer, P.A.; C.L. Barber, Metallurgist.

Plants: Newark, N.J. and Brantford, Ont., Can.

PRODUCTS: Self-fluxing solders, soldering fluxes, solid wire, bar, radiator, body and aluminum solders. CONSUME: Desilverized lead, Strait tin.

Kramer & Co., H., 21st & Loomis Sts. (Zone 8)

Inc. 1904. Cap. \$1,000,000.

L. Chapman, Pres. & Treas.; W. Romanoff, Exec. Vice Pres.; E.S. Schwartz Works Mgr., A.M. Shefcik, P.A. Fdy.; E. Singer, Scrap P.A.; Dr. G.P. Halliwell, Research Dir.

EQUIPMENT: 5 reverberatory furnaces, 4 crucible furnaces, 3 rotary furnaces, 1 sweat furnace, 4 kettles, 1 cupola.

PRODUCTS: Red brass and yellow brass ingots, manganese bronze ingots, nickel silver ingots, phosphor bronze ingots, aluminum ingots, die cast metal, special alloys.

CONSUME: Virgin aluminum, antimony, copper, tin, zinc. All grades of scrap metals.

Lavin & Sons, Inc., R., 3425 S. Kedzie Ave. (Zone 23)

EQUIPMENT: Reverberatory furnaces, crucible furnaces, cupola. PRODUCTS: Aluminum, brass and bronze ingots. 50-50 copper-nickel shot pure copper shot.

CONSUME: Virgin aluminum. Scrap metals.

Loewenthal Metals Corp., 947 W. Cullerton St. (Zone 8)

PRODUCTS: Brass and bronze ingot. CONSUME: Scrap copper, brass, radiators, all grades of white metals.

Midland Smelting Co., 1424 N. Halsted St. (Zone 22)

Smelters and refiners of babbitt, type metals, tin bearing metals, zinc, die cast metal.

National Lead Co.
(See New York, N.Y.)

Nanco Smelting Corp., 1724 W. Lake St. (Zone 12)

Inc. 1948. Sidney Silverstein, Pres.; Ira Silverstein, Sales Mgr. & P.A.;

PRODUCTS: Pig lead, pig solder, babbitts. Annual cap. 5,000 tons. CONSUME: Scrap metals.

Sandoval Zinc Co., 3710 California Ave.

ILLINOIS

CHICAGO (Con.)

PRODUCTS: Zinc sulphate, zinc chloride, tinning flux, zinc dust. CONSUME: Metallic residues of lead zinc etc.

Seligman Company, W., 1949 Clybourn Ave. (Zone 14)

Est. 1905. Melvin Seligman, P.A. PRODUCTS: Brass and bronze ingots, Annual cap. 2,000 tons.

CONSUME: All grades of scrap metals. Virgin aluminum. Lead remelt, zinc remelt.

Silverstein & Pinsof, Inc., 1720 Elston Ave. (Zone 22)

Inc. 1905. Cap. \$500,000.

Milton Silverstein, Pres.; Philip Pinsof, Sales Mgr., Oscar Pinsof, Gen. P.A.; Edw. M. Pinsof, Scrap P.A.

EQUIPMENT: 2 reverberatory furnaces, 1 sweat furnace, 4 kettles, 2 crucibles.

PRODUCTS: Brass ingot, die cast alloys, copper shot, copper-nickel shot.

CONSUME: Virgin aluminum, antimony, copper, lead, tin, zinc, magnesium. All grades of scrap metals. Ferro-silicon.

United American Metals Corp. of Ill., 2245 W. Hubbard St. (Zone 12)

PRODUCTS: Babbitts, type metal, solder.

(Sub. of United American Metals Corp., Brooklyn N.Y.)

Western Metal Company, 3201 S. Kedzie Ave. (Zone 23)

Inc. 1908. Cap. \$50,000. Max Z. Goldfein, Pres.; Bernard Dunne, Sales Mgr.; Herbert Wolff, Scrap P.A.; Thomas Ginsburg, Metallurgist. EQUIPMENT: 5 reverberatory furnaces, 3 crucibles, 1 rotary furnace, 4 kettles.

PRODUCTS: Brass and aluminum ingot. Annual cap. 24,000 tons.

CONSUME: All grades of copper, red and yellow metals, nickel alloys, aluminum, lead, tin, zinc and drosses.

CHICAGO HEIGHTS

Harris & Co., Benjamin Inc. 1901. Benj. Harris, Pres.; Jerome S. Harris, Sales Mgr. & P.A.; Warren Westphal, Metallurgist. EQUIPMENT: Reverberatory and pit fire furnaces, lead kettles, sweat furnace.

PRODUCTS: Brass and bronze ingot. CONSUME: Scrap metals, copper, brass, bronze, tin bearing and copper

Theodore Solomonique, Pres.; Fingert, Vice Pres. PRODUCTS: Aluminum alloying Annual Cap. 18,000,000 pounds. CONSUME: All grades of aluminum scrap. Virgin aluminum.

DANVILLE

Hegeler Zinc Co.

PRODUCTS: Slab zinc, sulphuric acid, zinc stampings, drawn battery shells, zinc radio etc.

DE PUE

New Jersey Zinc Co.

PRODUCTS: Slab zinc.
(See New York, N.Y.)

EAST ST. LOUIS

American Zinc Co. of Ill.

(Sub. of American Zinc, Lead Smelting Co.)

Plants: Hillsboro and East St. Louis.

PRODUCTS: Slab zinc, sulphuric acid, zinc oxide, etc.

Eagle Picher Company
(See Cincinnati, Ohio)

Lewin Metals Div. of Lewin

Mathes Co., Monsanto P.O.

PRODUCTS: Electrolytic copper soft and antimonial lead, brass bronze ingot and alloys, copper tubing, copper pipe, white mixtures, etc.

CONSUME: All grades of new and scrap metals.

HILLSBORO

American Zinc Lead & Smelting
Secondary zinc smelting.

LA SALLE

Matthiessen & Hegeler Zinc

PRODUCTS: Slab zinc, etc.
(See Metal Rolling Mill List further details.)

SANDOVAL

Sandoval Zinc Co.

(See Chicago, Ill.)

INDIANA

EAST CHICAGO

Eagle Picher Co.

Secondary zinc and lead smelting.

Inland Metals Refining Co.
Canal St.

EQUIPMENT: Reverberatory, cold and sweat furnaces. Kettles.

PRODUCTS: Solder, babbitt, zinc and die cast metal.

CONSUME: Antimonial lead, Missouri lead. American refined prime Western zinc. Lead residues and scrap metals.

Appendix – F

DRAFT**PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM**

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer:

Dave Reed

August 30, 2005

Name/Title

Date

1021 North Grand Ave. East, Springfield, IL. 62794-9276

217/524/1657

Address

Phone

Dave.Reed@epa.state.il.us

E-mail Address

Site Name:

Illinois Smelting and Refining Co.

Previous Names (if any):

N/A

Site Location:

3710 S. California Ave, Chicago, Illinois

Latitude: 41.826**Longitude:** -87.694**Complete the following checklist. If Ayes is marked, please explain below.**

	YES	NO
1. Does the site already appear in CERCLIS?		X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?		X
5. Is some other program actively involved with the site (Federal, VCP, State, or Tribal)?		X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e, deferred to RCRA Corrective Action, FIFRA, or Brownfields)?		X
8. Is there insufficient data (provided by the State) to verify that a release has occurred or has the potential to occur (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants and contaminants)?		X
9. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (i.e., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, EPA approved risk assessment completed)?		X

Please explain all yes answer(s), attach additional sheets if necessary:

Site Determination: No The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

The Illinois Smelting and Refining Co. property was included within a listing of historic properties within the City of Chicago potentially associated with the smelting and refining of lead. There is no information that would suggest that the property was ever used for the smelting of heavy metals.

See attached report.

Regional EPA Reviewer:

Print Name/Signature

Date

State Agency/Tribe:

Print Name/Signature

Date

Dave Reed

8-30-05